



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

### Complete If Known

Application Number	10/712549
Filing Date	November 13, 2003
First Named Inventor	Ted D. Grabau
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	06005/39710

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-4,386,181	05-31-1983	Kotani, Teizo, et al.	
	A2	US-4,412,103	10-25-1983	Fujii, Kiyonobu, et al.	
	A3	US-4,491,621	01-01-1985	Okumoto, Tadaoki, et al.	
	A4	US-4,828,923	05-09-1989	Nakagawa, Takashi, et al.	
	A5	US-5,026,583	06-25-1991	Nakagawa, Takashi, et al.	
	A6	US-5,047,287	09-10-1991	Horiuchi, Noriyuki, et al.	
	A7	US-5,206,293	04-27-1993	Sakai, Masato, et al.	
	A8	US-5,321,073	06-14-1994	Kondo, Takeo, et al.	
	A9	US-5,376,730	12-27-1994	Niwano, Masahiro, et al.	
	A10	US-5,502,095	03-26-1996	Ueshima, Toshihumi, et al.	
	A11	US-5,550,190	08-27-1996	Hasegawa, Ko, et al.	
	A12	US-5,578,800	11-26-1996	Kijima, Seiji	
	A13	US-5,855,976	01-05-1999	Oyama, Motofumi, et al.	
	A14	US-5,942,577	08-24-1999	Venkataswamy, Krishna	
	A15	US-6,103,803	08-15-2000	Cheung, Yunwa Wilson, et al.	
	A16	US-2002/0128390-A1	09-12-2002	Ellul, Maria D., et al.	
	A17	US-6,451,915-B1	09-17-2002	Ellul, Maria D., et al.	
	A18	US-2003/0125454-A1	07-03-2003	Ellul, Maria D., et al.	
	A19	US-2003/0187113-A1	10-02-2003	Shiho, Hiroshi, et al.	
	A20	US-2003/0191247-A1	10-09-2003	Kawasaki, Kazuyoshi, et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind's Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

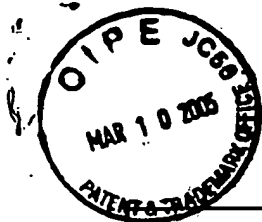
### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	August 30, 2008
--------------------	--	-----------------	-----------------



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/712,549-Conf. #9178
				Filing Date	November 13, 2003
				First Named Inventor	Ted D. Grabau
				Art Unit	1713
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	06005/39710

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		*US-3,644,590	02-22-1972	D. Coulthard	
		*US-4,897,440	01-30-1990	Ching-Tsan Lo	
		*US-2003/0083412-A1	05-01-2003	Luginsland et al.	

\* Reference Not Provided

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Document T <sup>6</sup>
		EP-0 972 799-A1	01-19-2000		
		EP 1 270 658-A1	01-02-2003		See US-2003/0083412 ✓
		JP-51105374-A2	09-17-1976		Abstract ✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		D6 XP-002316359 Japanese Journal - Synthetic Elastomers and Natural Rubber, STN CA Caesar accession number : 1039, entered 25 Dec 1993 for Evaluation of Elongation and Hardness of Acrylonitrile-Butadiene Rubber, Fundam. Techno. Res. Lab., Tokyo Gas Co., Ltd., Tokyo, Japan (1 page).	
		D7 XP-002316360 Russian Journal - Elastomers, Including Natural Rubber, STN CA Caesar accession number : 1040, entered STN: 12 May 1984 for Adhesion of Unimpregnated Polyamide Fabrics to Vulcanizate Butadiene-Nitrile Rubber, M. Z. Rakhman; L. B. Malkina; and M.V. Vektorina (1 page).	
		PCT International Search Report dated 14 February 2005 by the European Patent Office (Netherlands) for International Application No. PCT/US2004/034582 (3 pages).	
		PCT Written Opinion of the International Searching Authority (PCT Rule 43b/s. 1) from the European Patent Office dated 14 February 2005 for International Patent Application No. PCT/US2004/034582 (6 pages).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	August 30, 2005
--------------------	--	-----------------	-----------------